

AN ANNOTATED BIBLIOGRAPHY OF THE ENTOMOLOGICAL
WRITINGS OF HARRY KENDON CLENCH
(1925-1979)

In the following bibliography I have examined all of the papers except those marked with an asterisk. Mrs. Jacqueline Y. Miller examined No. 20 for me. I received many papers from Clench and these all were marked with a serial number that corresponds with the numbers in the bibliography that he maintained. These numbers are not necessarily in order of publication but appear to be in the order in which he learned of their publication.

Clench's numbered bibliography that I have seen extends through his first 109 papers. In his curriculum vitae (on file in the Carnegie Museum) are listed, unnumbered, 37 papers from between 1943 and 1977. These are listed by year. With these two lists, my own series of numbered papers, a considerable number loaned to me by Dr. George Wallace (Emeritus Head of the Section of Insects and Spiders at the Carnegie Museum of Natural History in Pittsburgh, Pa.), the Zoological Record through the most recent issue for 1974, and the help of Dr. Lee D. Miller's incomplete file of Clench papers, the following was compiled.

At the time of his death Clench had several papers in various states of preparation. I will complete one that we had started in a desultory way. The others will be reviewed by Dr. Miller who will select those on which sufficient progress had been made to be sure of Clench's aim and opinion. These will be completed and published posthumously. Thus there will be a few papers in Clench's name beyond those already in editorial hands.

For each entry in the bibliography I have presented a number, year of publication, full title, citation of the place of publication and citation of Zoological Record (ZR) publication for papers noted there. For each new name proposed I have cited the name, type locality (t.l.) and repository of the type specimen. This should make the list a useful compendium of Clench's taxonomic work.

Without the help of Dr. Wallace and the encouragement of Dr. Miller this paper could not have been completed.

The repositories for Clench's types are noted at the end of each abstract:

- AME—Allyn Museum of Entomology, Sarasota, Florida
- AMNH—American Museum of Natural History, New York, New York
- BM(NH)—British Museum (Natural History), London
- BM(Tring)—British Museum at Tring, Herts.
- CM—Carnegie Museum of Natural History, Pittsburgh, Pennsylvania
- MCZ—Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts
- ZSM—Zoologische Staatssammlung, Muenchen, West Germany.

1941

1. Notes on two Bahama Lycaenidae, with description of a new subspecies. *Torreia* (Havana) No. 7, 7 p. *Strymon angelica dowi* n.ssp. (t.l. Arthurstown, Cat Island). Type in MCZ. ZR '43, No. 288
2. A new race of *Hemiargus* for the Bahamas. Mem. Soc. Cubana Hist. Nat. 15: 407-408. *Hemiargus catalina thomasi*, n.ssp. (t.l. Arthurstown, Cat Island). Type in MCZ. ZR '42, No. 275

1942

3. A new Bahaman *Eurema*. Mem. Soc. Cubana Hist. Nat. 16: 1-2. *Eurema chamberlaini banksi* n.ssp. (t.l. Smoky Point, Cat Island). Type in MCZ. ZR '42, No. 276
4. The identity of the Florida race of *Leptotes* (Lepidoptera: Lycaenidae). J. New York Entomol. Soc. 50:243-244. *Leptotes cassius theanus* Lucas is the proper name. ZR '42, No. 278
5. A new race of *Atlides halesus* Cramer from California (Lepidoptera: Lycaenidae). Entomol. News 53: 219-221. *Atlides halesus corcorani* f. "estesi" n. f. (t.l. Riverside, California). Note that Clench raised Gunder's ab. "corcorani" to the status of subspecies. Therefore the proper author for *A. h. corcorani* is Clench, not Gunder. Type of "estesi" in MCZ. ZR '42, No. 277

1943

6. The Lycaenidae of the Bahama Islands (Lepidoptera: Rhopalocera). Psyche 49: 52-60, "1942." *Hemiargus hanno filenus* (Poey) new comb., *Hemiargus bahamensis* n.sp. (t.l. Crooked Island); *Strymon acis armouri*, n.ssp. (t.l. Rum Cay); *Brephidium barbouri* n.sp. (t.l. Great Inagua Island). Types in MCZ. ZR '43, No. 291
7. Some new *Calisto* from Hispaniola and Cuba (Lepidoptera: Satyridae). Psyche 50: 23-29. *Calisto batesi* n.sp. (t.l. Loma del Torro, Dom. Rep.); *C. hysius montana* n.sp. (t.l. Mt. Basil, Haiti); *C. confusa debarriera* n.ssp. (t.l. Debarriere, Haiti); *C. herophile parsonsi* n.ssp. (t.l. Buenos Aires, Sta. Clara, Cuba); and *C. pulchella darlingtoni* n.ssp. (t.l. Constanza, Dominican Rep.). Types in MCZ. ZR '43, No. 292
8. A new *Axiocerses* from West Africa (Lepidoptera: Lycaenidae). J. New York Entomol. Soc. 51: 219-220. *Axiocerses harpax piscatoris* n.ssp. (t.l. Fisherman's Lake, Liberia). Type in MCZ. ZR '43, p. 166
9. A note on the Arizona *Erora* (Lepidoptera: Lycaenidae). J. New York Ent. Soc. 51: 221-223. The taxon *sanfordi* dosPassos is a subspecies of *quaderna*, not a synonym of it. ZR '43, No. 290
10. Two new species of *Incisalia* (Lepidoptera: Lycaenidae). Can. Entomol. 75: 182-185. *Incisalia henrici turneri* n.ssp. (t.l. Cowley Co., KN); *I. doudoroffi windi* n.ssp. (t.l. Placer Co., California). Type of *turneri* in MCZ, of *windi* in AMNH. ZR '43, No. 289
11. Some lycaenid aberrations (Lepidoptera: Lycaenidae). Ent. News 54:249-251. These are described but not named, six species are involved. ZR '44, No. 367

1944

12. Supplementary Notes on *Calisto* (Lepidoptera: Lycaenidae). Psyche 50: 115, "1943." *Calisto batesi* Clench 1943, a homonym of *C. hysius batesi* Michener, is renamed *C. micheneri*. ZR '43, No. 292A
13. Two new subspecies of *Everes comyntas* Godart (Lepidoptera: Lycaenidae). J. New York Entomol. Soc. 52: 59-61. *E. comyntas valeriae*, n.ssp. (t.l. nr. Lead, S.D.); *E. c. albrighti*, n.ssp. (t.l. Kings Hill, Montana). Types in MCZ. ZR '44, No. 368
14. Notes on Lycaenid butterflies. Bull. Mus. Comp. Zool. 94(6): 217-245.
a. The genus *Callophrys* in North America, pp. 217-229, key to species and sub-

species, extended notes and description of *C. affinis washingtonia* n.ssp. (t.l. Brewster, Washington). Type in MCZ ZR '45.

- b. The *acaste* group of the genus *Thecla*, pp. 229–245, key to the species, subspecies, extended notes, and descriptions of *T. agricola banosensis* n.ssp. (t.l. San Pablo, nr. Baños, Ecuador); *T. pseudolongula* n.sp. (t.l. Mapoto, Ecuador); *T. longuloides* n.sp. (t.l. Coroico, Bolivia); *T. longula* Hewitson (neotype locality Orizaba, Mexico); *T. legionis* n.sp. (t.l. Blumenau, Sta. Catarina, Brazil); *T. acaste catharinensis* [sic] n.ssp. (t.l. Sta. Catarina, Brazil); *T. portoena* n.sp. (t.l. Cusilluni, Bolivia); and, *T. marialis* n.sp. (Victoria, Mexico). Type of *banosensis* in AMNH, others in MCZ.
15. New neotropical Theclinae (Lepidoptera: Lycaenidae). J. New York Entomol. Soc. 52: 255–261. *Thecla caramba* n.sp. (t.l. Massaranduba-Blumenau, Brazil); *T. punona* n.sp. (t.l. Puno, Peru); and, *T. kalikimaka* n.sp. (t.l. Jalapa, Mexico). Type of *caramba* in AMNH, others in MCZ.
16. Two new subspecies of *Lycaenopsis pseudargiolus* Bdv. & LeC. J. New York Entomol. Soc. 52: 273–276. *L. pseudargiolus sidara* n.ssp. (t.l. Manitou, Colorado); and, *T. p. bakeri* (t.l. Baker, Oregon). Types in MCZ.

1945

17. Notes on the genus *Thaumaina* (Lepidoptera: Lycaenidae). Pan-Pac. Ent., 21: 14–16 (with R. G. Wind). *T. uranothauma delicisosa* n.ssp. (t.l. Wau, Morobe Dist., New Guinea). Type in MCZ.

1946

18. Notes on the *amyntor* group of the genus *Thecla* (Lepidoptera: Lycaenidae). Entomologist 79: 152–157, 185–191. *T. amyntor distractus* n.ssp. (t.l. Rio Minero, Muzo, Colombia); *T. detesta* n.sp. (t.l. Bogota, Colombia); *T. miserabilis* n.sp. (t.l. Rincon, Guerr., Mexico); *T. argentinensis* n.sp. (t.l. Tucuman, Argentina); *T. goodsoni* n.sp. (t.l. Tegusigalpa, Honduras); and, *T. acaste* f. “abnormis” n.f. (t.l. Tucuman, Argentina). Types of *distractus* and *detesta* in BM(Tring), others in BM(NH).

1947

19. The genus *Callictita* (Lepidoptera: Lycaenidae). Psyche 54: 57–61, (with R. G. Wind) *C. cyara arfakiana* n.sp. (t.l. Mt. Siwi, Arfak, Dutch New Guinea). Type in AMNH ZR '47, No. 3016
- *20. New Indo-Australian Lycaenidae (Lepidoptera) Bull. Brooklyn Entomol. Soc. 42: 1–16 (with R. G. Wind, sr. author). *Candalides erinus stevensi*, n.ssp. (t.l. Way, Morobe Dist., New Guinea); *C. meeki kunupiensis*, n.ssp. (t.l. Mt. Kunupi, Meno Valley, Weyland Mts., New Guinea); *C. grandissimi morobe*, n.ssp. (t.l. Wau, Morobe Dist., New Guinea); *Philiris diana papuanus* n.ssp. (t.l. Wau, Morobe Dist., New Guinea); *P. misimensis* n.sp. (Wau, Morobe Dist., New Guinea); *P. ariadne* n.sp. (t.l. Wau, Morobe Dist., New Guinea); *P. azula* n.sp. (t.l. Wau, Morobe Dist., New Guinea); *P. mayri* n.sp. (t.l. Mt. Siwi, Arfak Mts., New Guinea); *P. intensa birou* n.sp. (t.l. Wau, Morobe Dist., New Guinea); *P. moira putih* n.ssp. (t.l. Pt. Moresby, New Guinea); *P. fulgens bicolorata* n.ssp. (t.l. Dobo, Aru Islands); *P. innotatus evinculis* n.ssp. (t.l. Redlynch, North Queensland, Australia). Types of *kunupiensis* and *mayri* in AMNH, of *putih* and *evinculis* in Cornell University, of *bicolorata* in R. G. Wind Collection, all others in MCZ. ZR '47, No. 3015

1948

21. Aberrations. Lepid. News 2: 6. Discusses the types of aberrations and applauds the growing tendency not to name them.
(No number) Notes on some Michigan butterflies. Lepid. News 2: 105.

(No number) Review: The butterflies of the District of Columbia and vicinity by A. H. Clark. *Lepid. News* 2: 108.

1949

22. Regional lists. *Lepid. News* 3: 15-16, A plea for publication of more such lists.

1950

23. Notes on Michigan Rhopalocera. *Lepid. News* 4: 14. New and unusual records.

1952

24. A new species of *Strymon* from Georgia (Lepidoptera: Lycaenidae). *Amer. Mus. Novit.* No. 1600, 19 pp, 3 figs. (with A. B. Klots, sr. author). *Strymon kingi* n.sp. (t.l. Savannah, Georgia). Type in AMNH. ZR '52, No. 1629

1953

25. New Indo-Australian Agaristid moths. *Ann. Carnegie Mus.* 33: 141-144. *Scrobiger* (?) *claggi*, n.sp. (t.l. Galog River, 6000 ft, Mt. Apo, Mindanao, Philippines); *Scrobiger umbrosa* n.sp. (t.l. "nr Manila", Philippines); *Argyropelidia megistocissia* n.ssp. (t.l. Aru Islands); and, *Seudyra jordani* n.sp. (t.l. Lahum Mts., 5000 ft, Davao Prov., Mindanao, Philippines). All types in Carnegie Mus. ZR '54, No. 720

1954

26. The identity of *Crambidia allegheniensis* (Lithociidae). *Lepid. News* 8: 93-94. Redescription of Holland's type, which is a synonym of the European species *Eilema complana* (Linnaeus). ZR '54, No. 721

27. *Nymphalis californica*: A new record for Pennsylvania. *Lepid. News*, 8: 94.

28. Another case of a partially replaced lost vein in a new Nyctemerid from West Africa. *Rev. Zool. Bot. Africa* 50: 296-301, 1 fig. *Noctasota* n.g. *curiosa* n.sp. (t.l. Efulen, Cameroun). Type in CM. ZR '54, No. 722

1955

29. Review: The Lepidoptera of Pennsylvania. A manual, by H. M. Tietz. *Lepid. News* 8: 172-173.

30. A new species of the African genus *Pseudoarcte* Viette. *Rev. Zool. Bot. Africa* 51: 20-22, 2 figs. *P. albicollis* n.sp. (t.l. Efulen, Cameroun). Type in CM. ZR '55, No. 677

31. Revised classification of the butterfly family Lycaenidae and its allies. *Ann. Carnegie Mus.* 22: 261-274, figs. 1a-u. Includes Hamearinae, n. subfam. of Riodinidae (type *Hamearis lucina* [Linnaeus]); Helicopini, n. tribe of Riodinidae (type *Helicopsis cupido* (Linnaeus)); Theopini, n. tribe of Riodinidae (type *Theope eudocia* Westwood). ZR '55, No. 674

32. Studies on the Limacodidae (Lepidoptera). 1. Notes on the African genera *Teinorhyncha* and *Ctenolita*. *Ann. Mag. Nat. Hist.* (12) 8: 153-159. Keys to species and description of *Teinorhyncha seydeli* n.sp. (t.l. Elizabethville, Congo Belge); *T. heringi* n.sp. (t.l. Kangewe, Ogove River, Gabon, French Equatorial Africa); *T. punctipes* n.sp. (t.l. Efulen, Cameroun); *T. kamerunica* n.sp. (t.l. Efulen, Cameroun). All types CM. ZR '55, No. 675

33. Studies on the Limacodidae. 2. A review of the African genus *Chrysamma*. *Rev. Zool. Bot. Africa* 52: 7-16, 6 figs. *C. purpuripulcra sudanicola* n.ssp. (t.l. Tembura, South Sudan); *C. amabilis* n.sp. (t.l. Efulen, Cameroun); and, *C. xanthocharis* n.sp. (t.l. Cholo, Nyassaland). Key to species. Type of *sudanicola* in Berlin Mus., all others in CM. ZR '55, No. 678

34. Some observations on the habits of *Strymon falacer*. *Lepid. News*, 9: 105-117, 3 figs, 3 tables. ZR '55, No. 676

1956

35. Contribution to the study of the neotropical Megalopygidae (Lepidoptera). 1. The genera of the "Trosia" group. *Neotropica* 2(7): 9-14, 13 figs. Key to genera. Two new genera noted: *Eochroma* (type *Trosia pulchella* Schaus); the other not named. ZR '58, No. 783
36. Notes on *Parabasis pratti*, a "misaid" notodontid from New Guinea. *Lepid. News* 10: 15-17, 4 figs. Originally placed in Noctuidae and not mentioned since Bethune-Baker described it in 1904, the taxon proves to be a Notodontidae. ZR '56, No. 600
37. Lepidoptera Rhopalocera (Insecta) from Afghanistan. The 3rd Danish Expedition to Central Asia (Zoological Results 21). *Vidensk. Medd. fra Dansk naturhist. Fren.* 118: 141-192, 23 figs., 1 pl. (with Nicholas Shoumatoff). Satyridae: *Aulocera swaha partholica* n.ssp. (t.l. Paghmann, 2000 m); *Kanetisa digna perdigna* n.ssp. (t.l. betw. Surtu and the top of Mt. Shah Fuladi, ca. 5000 m); *Satyrus pimpla tajik* n.ssp. (t.l. Mt. Shah Fuladi, 5000 m); *Pseudochazara mniszeczhii watsoni* n.ssp. (t.l. Kotal Pass, 3800 m); *P. porphyritica* n.ssp. (t.l. Panjao, 2500 m); *Paralasa danorum* n.ssp. (t.l. betw. Surtu and top of Mt. Shah Fuladi, ca. 5000 m); *Hyponephele capella jezail* n.ssp. (t.l. Panjao, 2500 m); *H. susurrans* n.ssp. (t.l. Marak, 4500 m); *H. pulchella mussitans* n.ssp. (t.l. Puistagoli, 3500 m); *H. difficilis* n.ssp. (t.l. Tarapas, 3000 m); Nymphalidae: *Melitaea paludani* n.ssp. (t.l. Marak, 4500 m). Pieridae: *Colias shahfuladi* n.ssp. (t.l. Takatu, 4500 m); *C. wiskotti sweadneri* n.ssp. (t.l. betw. Surtu and the top of Mt. Shah Fuladi, nr. 5000 m). Parnassiidae: *Parnassius delphius kohibaba* (t.l. betw. Surtu and top of Mt. Shah Fuladi, ca. 5000 m). All types in CM. ZR '56, No. 601

1957

38. New neotropical Cossidae (Lepidoptera). *Ann. Mag. Nat. Hist.* (12)9: 897-906, 9 figs., "1956." *Givarbela* n.g. *steinbachi* n.sp. (t.l. Prov. del Sara, Bolivia, 450 m); *Dimorphoctena* n.g. *egregia* n.sp. (t.l. Nova Linda, Rio Purus, Brazil); *Cossula* (s.l.) *morgani*, n.sp. (t.l. Mandeville, Manchester, Jamaica); *Citharalis* n.g. *idiosetoides* n.sp. (t.l. Prov. del Sara, Bolivia). All types in CM. ZR '57, No. 670
39. Notes on the occurrence of *Thymelicus lineola* (Hesperiidae) in North America: a summary. *Lepid. News* 10: 151-152. "1956" Records from Ontario, Michigan, New York and Ohio.
40. Two new records of Pennsylvania Lepidoptera. *Lepid. News* 10: 161-162, "1956." *Mnemonica auricyanea* (Walsingham), and *Erora laeta* (Edwards). (No number) Common spring butterflies in the Ligonier Valley. Powdermill Educational Release (Carnegie Museum) No. 5, 2 p. mimeographed (June). (No number) Unusual insects at Powdermill Nature Reserve. Powdermill Nature Reserve Educational Release No. 8, 2 p. mimeographed (Oct.).
- *41. This summer's drought. *Carnegie Mag.* 31: 263-264, 274. (with O. E. Jennings, sr. author).

1958

42. Three interesting Lepidoptera from the Philippines. *Ann. Carnegie Mus.* 35: 69-76, "1957." *Delias levicki* Rothschild; *Danaus apoxanthus* n.sp. (t.l. Seliban River, 7000 ft, Mt. Apo, Mindanao); *Philippodamus* n.g. *jocelyna* n.sp. (Agaristidae) (t.l. Matuguinao, Samar Island). Types in CM. ZR '58, No. 780
43. Cossidae from Chile. *Mitt. Muenchener ent. Gesell.* 47: 122-142, 3 pls. *Givira leonera* n.sp. (t.l. La Leonera, Rancagua, Chile); *Philanglaus penai* n.sp. (t.l. Pichinachuel, 110-1400 m); *Philiodoron* n.g. *cinereus* n.sp. (t.l. La Leonera, 1700 m); *P. frater* n.sp. (t.l. Buchen, 1300 m); *Rhizocossus* n.g. *munroei* n.sp. (t.l. Caramavida). Types in CM. Pub. late December 1957? ZR '57, No. 671

44. Common spring butterflies at Powdermill. Carnegie Mag. 32: 122-124, 1 fig.
45. The "pumping" of certain moths at water. Lepid. News 11: 18-21, "1957." Noted for *Dysterus abortivaria* Herrich-Schaeffer and *Drepana arcuata* Walker.
46. The species of *Ethemia* (Ethemidae) known from western Pennsylvania. Lepid. News 11: 44-45, "1957." *E. maceliosiella* Busck, a new record; *E. longimaculella* Chambers misdetermined as *zellariella* Chambers by Engel; first valid record.
47. Review: Colorado Butterflies. Part III. Libytheidae, Riodinidae and Lycaenidae, by Brown, Eff and Rotger. Lepid. News 11: 57-60, "1957."
48. Review: The butterflies of the Malay Peninsula, by Corbet & Pendlebury. 2nd ed. rev. enlarged by N. D. Riley. Lepid. News, 11: 60-62, "1957."
49. Synonymy of two African Euteliinae (Noctuidae). Lepid. News 214-215, "1957." *Caligatus angasii* Wing 1850, antedates *Pacadaria venustissima* Walker 1865. *Noctasota curiosa* Clench 1954, (see item 28), is a synonym of *Eutelia distorta* Hampson 1912, a Euteliinae, not a Nyctomeridae. ZR '58, No. 781
50. Review: Colored illustrations of the butterflies of Japan, by Mitsuo Yokoyama (rev. by Teiso Esaki). Lepid. News 12: 56.
51. Review: Colored illustrations of the insects of Japan, by Kichizo Takeuchi. Lepid. News 12: 56.
52. Review: Guia de Naturalista Sudamericanos, by Fontes & Parodi. Lepid. News 12: 56.
53. The butterflies of Powdermill Nature Reserve. Research Report No. 1, Powdermill Nature Reserve (of the Carnegie Museum). 11 p. mimeographed, no date.

1959

54. Review: Taxonomist's glossary of genitalia in insects, ed. S. L. Tuxen. Lepid. News 12: 125-126, "1958."
55. A new cossid moth from western China (Lepidoptera: Cossidae). Mitt. Muenchener ent. Gesell. 48: 82-85, 3 figs. *Sinicossus* n.g. *danieli* n.sp. (t.l. Omei-Shan, 7000 ft, Szechwan, China). Type in CM. ZR '58, No. 782
56. On the unusual structure and affinities of the Madagascan genus *Pseudocossus* (Lepidoptera: Cossidae). Rev. franc. d'Ent., Paris 26: 44-50, 2 figs. Redescription, ♂ genitalia of *P. uliginosus* figured. ZR '59, No. 747
- *57. Powdermill Butterflies, 1959. Research Report No. 4, Powdermill Nature Reserve, a research station of Carnegie Museum, December, 1959. Mimeographed, 5 p. First supplement to item No. 53, above.
58. The Pseudarbelidae, a new family of Psychoid moths, with description of a new species from New Guinea. Tijdschr. Ent., Amsterdam 102: 223-229, 7 figs. Pseudarbelidae n.f., incl. *Casana* Walker, *Linggana* Roepke, *Pseudarbela* Sauber, and *Parazeuzera celaena* and *aurea* both Bethune-Baker and here placed in *Pseudarbela*. *Pseudarbela papuana* n.sp. (t.l. War [sic] Tami River, nr. Hollandia, Dutch New Guinea). Type in CM. ZR '59, No. 749.
59. The African genus *Macrocosmus* (Lepidoptera: Cossidae). Veröff. Zool. Staatssamml. Muenchen 6: 3-8, ill. *Macrocosmus coelebs* n.sp. (t.l. Okahandja, SW Africa). Type in ZSM; *M. caducus* n.sp. (t.l. Harbel, Marshall Terr., Liberia). Type in CM. ZR '59, No. 750
60. A collection of Cossidae (Lepidoptera) from South-west Africa. Veröff. zool. Staatssamml. Muenchen 6: 8-27, ill. Partial key to *Arcticossus*; *A. poliopterus* n.sp. (t.l. Brandberg, SW Africa); *A. tessellatus* n.sp. (t.l. Stampriet, SW Africa); *A. danieli* n.sp. (t.l. Wlotzkabaken, SW Africa); *Brachyilia eutelia* n.sp. (t.l. Okahandja, SW Africa); *Phragmataecia andarana*, Okavango, SW Africa); *P. okavangae* n.sp. (t.l. Andara, Okavango River, SW Africa); *Xyleutes dictyotephra* n.sp. (t.l. Okahandja, SW Africa); *X. forsteri* n.sp. (t.l. Okahandja, SW Africa). Types in ZSM. ZR '59, No. 750
61. African Psychidae of the *Monda* group (Lepidoptera). Rev. Zool. Bot. Africa 60: 240-256, 4 figs. Key to *Monda* group; *Diaphanopsyche* n.g. *leucophaea* n.sp. (t.l. Efulen, Cameroun); *Dichromopsyche* n.g. *goodi* n.sp. (t.l. Metet, Cameroun). Types in CM. ZR '59, No. 748

1960

- (No number) Tent Caterpillars. Powdermill Nature Reserve, Educational Release No. 30, 2 p. mimeographed.
62. A new subgenus and species of *Callophrys* (s.l.) from southwestern United States (Lepidoptera: Lycaenidae) Entomol. News 71: 137-144, 1 pl. (with P. R. Ehrlich, sr. author) *Sandia* n.g. *macfarlandi* n.sp. (t.l. La Cuerva Canyon, 6300 ft, W slope of Sandia Mts., Bernalillo Co., New Mexico). Type in AMNH. ZR '60, No. 885
63. Powdermill Butterflies, 1960. Research Report No. 5, Powdermill Nature Reserve, a research station of Carnegie Museum. 30 Dec. 1960. Mimeographed, 4 p. 2nd suppl. to Item 53, above.

1961

64. "Lycaeninae" in Ehrlich & Ehrlich, How to know the butterflies, p. 176-288, ill. (ZR '61, No. 957). *Chlorostrymon* n.g. (type *Thecla telea* Hewitson 1868); *Phaeostrymon* n.g. (type *Thecla alcestis* W. H. Edwards 1871); *Ministrymon* n.g. (type *Thecla leda* W. H. Edwards 1882); *Xamia* n.g. (type *Callophrys xami* Reakirt 1866); *Cyanophrys* n.g. (type *Strymon agricola* Butler & Druce 1872); *Euristrymon* n.g. (type *Thecla favonius* Smith 1797); *Hypostrymon* n.g. (type *Thecla critola* Hewitson 1874); and, *Electrostrymon* n.g. (type *Papilio endymion* Fabricius 1775). ZR '66, p. 338-340.
65. The *philobia* group of the genus *Cossula* (Lepidoptera: Cossidae). Ann. Mag. Nat. Hist. (13)3: 407-416, pl. 6, 6 figs. Key to the group; *Cossula wellingi* n.sp. (t.l. Chichen Itza, Yucatan, Mexico); *C. poecilosema* n.sp. (t.l. Prov. del Sara, Bolivia, 450 m); and, *C. eberti* n.sp. (t.l. Ouro Branco, Minas Geraes, Brazil). Types in CM. ZR '61, No. 647
66. "Lepidoptera" in the Encyclopedia of the Biological Sciences, ed. Peter Grey, Reinhold, New York. p. 556-559.
67. Notes on the genus *Thermonophas* (Lepidoptera: Lycaenidae). Ann. Carnegie Mus. 36(5): 49-62, 2 figs., 1 pl. A key to the species; *T. stempfferi* n.sp. (t.l. Batanga, Cameroun); *T. leucocyanea* n.sp. (t.l. Lolodorf, Cameroun). Types in CM. The generic name misspelled "Termoniphas" in ZR '65, p. 338. ZR '65, No. 851
68. A review of the African genus *Dapidodigma* (Lepidoptera: Lycaenidae). Ann. Carnegie Mus. 36(6): 63-67, 1 pl. Key to sp. and ssp.; *D. demeter* n.sp. (t.l. Efulen, Cameroun); *D. demeter nuptus*, n.ssp. (t.l. Kabongo, Katanga). Types in CM. ZR '65, No. 852

1962

69. *Panthiades m-album* (Lycaenidae): Remarks on its early stages and on its occurrence in Pennsylvania. J. Lepid. Soc. 15: 226-232, 9 figs. ZR '62, No. 711
70. *Satyrrium behrii* (Lycaenidae) in Oregon. J. Lepid. Soc. 16: 44. Four records noted.

1963

71. Further notes on west African Lycaenidae (Lepidoptera). Entomol. News 74: 43-49. *Aphnaeus chapini occidentalis* n.ssp. (t.l. Efulen, Cameroun); *Anthene musagetes* (Holland) 1892 = *Anthene rubricincta* (Holland) 1891; *Cupidesthes brunneus* (Smith & Kirby) 1893 = *Cupidesthes paludicola* (Holland) 1891. Type in CM. ZR '63, No. 719
72. Review: The Lepidoptera of New York and neighboring states. Part IV, by W. T. M. Forbes. J. Lepid. Soc. 17: 40-42.
73. Notes on *Axiocerses* (Lepidoptera: Lycaenidae). J. New York Entomol. Soc. 71: 818-188, 3 figs. *Axiocerses harpax efulena* n.ssp. (t.l. Efulen, Cameroun); *A. h. ugandana* n.ssp. (t.l. Bugoma Forest, Unyoro, Uganda). Key to male genitalia. Types in CM. ZR '63, No. 720
74. *Callophrys* (Lycaenidae) from the Pacific Northwest. J. Res. Lepid. 2(2): 151-160,

1 table, 2 figs. (Dec. '63) *Callophrys sheridanii newcomeri* n.ssp. (t.l. Mill Creek, Yakima Co., 1800 ft, Washington). Type in CM.

1964

75. A synopsis of the West Indian Lycaenidae with remarks on their zoogeography. J. Res. Lepid. 2: 247-270, ill. "1963." Checklist. *Nesiostrymon* n.g. (type *Thecla celida* Lucas 1857); *Heterosmaitia* n.g. (type *Thecla bourkei* Kaye 1924); *Allosmaitia* n.g. (type *Thecla coelebs* Herrich-Schaeffer 1862).
76. Remarks on the relationships of the butterflies (excluding skippers) of the Cayman Islands. Occasional Papers in Mollusks 2(31): 381-382. Sept. 1964.
77. A new hairstreak for the United States. J. Lepid. Soc. 18: 189-190. *Oenomaus ortygnus* (Cramer) 1779, Brownsville, Texas, 14 Dec. 1962.
78. A new species of Riodinidae from Mexico. J. Res. Lepid., 3(2): 73-80, 6 figs. *Anatole rossi* n.sp. (t.l. ¼ mi ESE Ocozotepec, 1950 ft, Tuxtla Mts., Vera Cruz). Type in CM.
- 78A. How to prepare slides of sclerotized parts of Lepidoptera. Section of Insects and Spiders, Carnegie Museum of Natural History, Pittsburgh, Pennsylvania. (with Lee D. Miller). See item 118 for 2nd ed.

1965

79. Notes on some African Theclinae (Lepidoptera: Lycaenidae). J. New York Entomol. Soc. 72: 237-244, 2 figs. "1964" (Feb. 1965). *Iolaua vexillarius* (t.l. Batanga, Cameroun); *I. bolissus azureus* n.ssp. (t.l. Metet, Cameroun); *I. b. aurora* n.ssp. (t.l. Kyondo, Queen Elizabeth Park, Uganda); *I. aphnaeoides aethes* n.ssp. (t.l. Efulen, Cameroun). Types in CM. ZR '64, No. 510
80. Variation and distribution of *Hemiargus huntingtoni* (Lepidoptera: Lycaenidae). J. New York Entomol. Soc. 73: 41-45. *H. h. continentalis* n.ssp. (t.l. Minca, 2000 ft, Colombia); *H. h. hannoides* n.ssp. (t.l. Piste, Yucatan, Mexico). Types in CM. ZR '65, No. 854
81. Superfamily Lycaenoidea, in The Butterflies of Liberia, by R. M. Fox et al. Am. Entomol. Soc., Memoir No. 19, p. 267-403, figs. 163-233. Liptenidae: *Ptelina* n.g. (type *Pentila carnuta* Hewitson 1873); *Eresiomera* n.g. (type *Liptena isca* Hewitson 1873); *Tetrarhanis laminifer* n.sp. (t.l. Batanga, Camaroun); *T. simplex symplocus* n.ssp. (t.l. Harbel, Marshall Terr., Liberia); Iridanini, n. tribe (type *Iridana Aurivillius*); *Hypophytala* n.g. (type *Epitola hyettoides* Aurivillius 1895). Lycaenidae: *Spindasis crustaria mysteriosa* n.ssp. (t.l. 'Nzerekore, Guinea); *Athene amarah orphna* (t.l. Ganta Mission, Liberia). Riodinidae: *Abisara caerulea liberiana* n.ssp. (t.l. Ganta, Liberia). Types in CM. ZR '66, p. 29
82. A collection of butterflies from western Chihuahua, Mexico. Ent. News 76: 157-162. Made by C. H. T. Townsend in 1899. *Lycaeides meslissa mexicana* n.ssp. (t.l. Upper Rio Piedras Verdes, W. Chihuahua, Mexico, 7,100-7,300 ft). Type in CM. ZR '65, No. 853
83. African *Deudorix* (Lepidoptera: Lycaenidae): notes and descriptions. J. New York Entomol. Soc. 73: 178-181. Partial key to genus; *D. cameroni katanga* (t.l. Elizabethville, Katanga); *D. nirmo* n.sp. (t.l. Efulen, Cameroun); *D. sadeska* n.sp. (t.l. Efulen, Cameroun); *D. laticlavata* n.sp. (t.l. Efulen, Cameroun). Types in CM. ZR '65, No. 855
84. A migration of *Libytheana* and *Kricogonia* in southern Texas. J. Lepid. Soc. 19: 223-224. Took place in July 1963.
85. The beginning of the butterfly season. J. Lepid. Soc. 19: 239-241. An attempt to quantify this phenomenon.

1966

NB. From 1966 through 1971 Zoological Record numbers were not assigned to each of the various papers cited in the Author Index.

- (No number) Powdermill's missing butterfly. Powdermill Nature Reserve, Educational Release No. 62, 3 p. mimeographed, May 1966.
- (No number) *Erora laeta*. Powdermill Nature Reserve, Educational Release No. 64, 4 p. mimeographed. June 1966.
86. The synonymy and systematic position of some Texas Lycaenidae. J. Lepid. Soc. 20: 65-70, 7 figs. *Strymon laceyi* (Barnes & McDunnough) 1910 = *Strymon alea* (Godman & Salvin) 1887; *Strymon facuna* Freeman 1950, not Hewitson 1877 = *Callophrys goodsoni* Clench 1946; *Thecla pastor* Barnes & McDunnough 1913, not Butler & Druce 1872 = *Callophrys miserabilis* Clench 1946. ZR '66, p. 29
- (No number) It is not in the book. Carnegie Mag. Nov. 1966: 313-319, 3 figs. About a Mexican collecting trip.

1967

87. Behavioral thermoregulation in butterflies. Ecology 47: 1021-1034, 1 table, 1 fig. "1966."
88. A note on *Caria domitianus* and *ino* (Riodinidae), with description of a new species. J. Lepid. Soc. 21: 53-56, 2 figs. *Caria domitianus vejento* n.ssp. (t.l. Zacapa, Guatemala). *C. melicerta* Schaus 1890, is ssp. of *ino* Godman & Salvin 1886. Type in CM. ZR '67, p. 55
89. Further distribution records and taxonomic notes on *Philotes rita* (Lycaenidae). J. Lepid. Soc. 21: 141-142. Indicates possible n.ssp. from vicinity of Elko, Nevada. ZR '67, p. 55
90. New society and new journal. J. Lepid. Soc. 21: 140. Assoc. Minnesota Entomologists, and its Newsletter.
91. Type localities of some neotropical Lycaenidae taken by Gervase Mathew and described by W. C. Hewitson. J. Lepid. Soc. 21: 181-184. The following suggested type localities are based upon the logbook of "H.M.S. Repulse" upon which Mathew served: *Thecla sedecia* Mazatlan, Sinaloa, Mexico; *Thecla chonida* either Mazatlan, or Acapulco, Guerrero, Mexico; *Thecla cyrriana* either Callao or Paita, Peru; *Thecla critola* Guaymas, Sonora, Mexico; *Thecla mathewi* Acapulco, Mexico; *Thecla cyphera* either Isla Taboga or Ciudad Panama, Panama; *Thecla quadrimaculata* Valparaiso, Coquimbo or Arica, Chile; *Lycaena lynnessa* Valparaiso, Coquimbo or Arica, Chile. Types should be in BM(NH). ZR '67, p. 55
92. Temporal dissociation and population regulation of certain Hesperinae butterflies. Ecology 48: 1000-1006, 1 fig. A study of 11 flower-feeding species at Powdermill Nature Reserve of Carnegie Museum. ZR '67, p. 55

1968

93. The Mecoptera of Powdermill Nature Reserve. Powdermill Nature Reserve Research Report No. 20, 10 p. mimeographed. 14 species noted.
94. Revised list of Powdermill butterflies. Powdermill Nature Reserve Research Report No. 21, 9 p. mimeographed.
95. Some aspects of mating behavior in butterflies. J. Lepid. Soc. 22: 125-132. (with L. D. Miller, sr. author). Times of day and flying partner in mating are noted from observations and the literature, involving 12 pierids, 2 papilionids, 2 danaiids, 15 nymphalids and 9 hesperids. ZR '68, p. 168
96. Butterflies from Coahuila, Mexico. J. Lepid. Soc. 22: 227-231. Report on collections made at three stations by Dr. C. J. McCoy and Mr. Arthur Bianculli incident to a June 1966 trip from the Carnegie Museum to study reptiles and amphibians. 38 species noted. ZR '68, p. 49
- (No number) A spectacular fall migration of butterflies! Powdermill Nature Reserve Educational Release, No. 81, 2 p. mimeographed (Dec.).
- (No number) A new butterfly from Powdermill. Powdermill Nature Reserve Educational Release No. 82, 3 p. mimeographed (*Hylephila phyleus*).
- (No number) The strange case of the little sulphur. Powdermill Nature Reserve Educational Release No. 83, 2 p. mimeographed (Dec.).

1969

97. *Thecla viridis* Edwards 1862 (Insecta: Lepidoptera): proposal to place on the official list. Z.N. (S.) 1857. Bull. zool. Nomen. 25: 188-189. (with F. M. Brown, sr. author.) [January 1969] Zr '69, p. 29
98. Obituary: Thomas Herbert Elliot Jackson (1903-1968). J. Lepid. Soc. 23: 131-134. (with R. H. Carcasson, sr. author.) Brief biography and list of publications. ZR '69, p. 33.

1970

99. A new subspecies of *Brephidium exilis* from Yucatan (Lepidoptera: Lycaenidae). J. Lepid. Soc. 24: 3-6, 1 fig. *B. e. yucateca*, n.ssp. (t.l. Progreso, Yucatan, Mexico). Type in CM. ZR '71, p. 43
100. Generic notes on two hairstreaks new to the United States (Lycaenidae). J. Lepid. Soc. 24: 56-59, 1 fig. *Ocaria* n.g. (type *Thecla ocrisia* Hewitson 1868) for *ocrisia* from Alamo, Hidalgo Co., Texas. *Thereus* Huebner 1819 (= *Heterosmaitia* Clench 1964) *palegon* Stoll from the same locality. ZR '71, p. 43
101. Communal roosting in *Colias* and *Phoebis* (Pieridae). J. Lepid. Soc. 24: 117-120. *C. eurytheme* nr. Pittsburgh, Pennsylvania and *P. sennae eubule* at Horseshoe Beach, Dixie Co., Florida. ZR '71, p. 43
102. New or unusual butterfly records from Florida. J. Lepid. Soc. 23: 240-244, 1 table. *Eurema दौरा दौरा*, *E. d. palmira*, *Urbanus dorantes dorantes*, *Euphyes dion*, and *Poanes aaroni howardi*. ZR '71, p. 43
103. Sibling species in the *eurydice* group of *Lethe*. Psyche 77: 70-103, 22 figs. (with Ring T. Cardé, sr. author, and Arthur M. Shapiro). Detailed study of the distribution and differences in pattern. Establishes *L. appalachia* R. L. Chermock as a good species and *fumosa* Luessler as a ssp. of *eurydice* Johannsen. ZR '71, p. 37

1971

104. Some records of *Euristrymon ontario* (Lycaenidae). J. Lepid. Soc. 25: 80-82. Especially in the shale barrens of Virginia, Maryland and Pennsylvania. ZR '71, p. 43
105. Two new hairstreaks from Mexico (Lepidoptera: Lycaenidae). Bull. Allyn Mus., No. 3, 6 p., 2 figs. Key to species of *Micandra*; *M. dignota tongida* n.ssp. (t.l. El Encarnacion, Hidalgo, 2400-2450 m, Mexico); and *Panthiades m-album moctezuma* n.ssp. (t.l. Zimapan, 2140-2280 m, Hidalgo, Mexico). Type of *tongida* in AME and of *moctezuma* in CM.

1972

106. Review of the genus *Lasaia* (Riodinidae). J. Res. Lepid. 10(2): 149-180, 41 figs. "1971." Key to the species; *L. maria maria* n.sp. (t.l. Ajijic, 5300 ft, Jalisco, Mexico); *L. m. anna* n.ssp. (t.l. Ciudad Victoria, Tamaulipas, Mexico); *L. pseudomeris* n.sp. (t.l. San Jose de Chiquitos 300 m Sta. Cruz, Bolivia); *L. sula peninsularis* n.ssp. (t.l. Piste, Yucatan, Mexico); *L. aerugo* n.sp. (t.l. Llangua, Rio Llangua, Cajamarca, Peru); *L. agasilas callaina* n.ssp. (t.l. Ciudad Valles, San Luis Potosi, Mexico); *L. a. esmeralda* n.ssp. (t.l. Villarrica, Paraguay). ZR '71, p. 13 and ZR '72, No. 346.
107. *Celastrina ebenina*, a new species of Lycaenidae from the eastern United States. Ann. Carnegie Mus. 44: 33-44, 12 figs. Type locality Coalburgh, West Virginia. The type of *ebenina* is the lectotype of *nigra* ♂ W. H. Edwards in CM. ZR '72, No. 347
108. The boundary between *Satyrium liparops* and its subspecies *strigosum*. Ann. Carnegie Mus. 44: 11-24, 2 figs., map. ZR '72, No. 348

1974

109. The Bahamas: All this and Conch Stew. Carnegie Mag. May 1974: 204-209, ill. (with Mary H. Clench).

1975

110. A review of the genus *Hypostrymon* (Lepidoptera: Lycaenidae). Bull. Allyn Mus. No. 25, 7 p., 2 figs. Key to the species; *H. aderces* n.sp. (t.l. Comala, 2100 ft, Colima, Mexico); and, *H. margaretae* n.sp. (t.l. Urias, 2 mi S of Mazatlan, Sinaloa, Mexico). Type of *aderces* in AME, of *margaretae* in CM.
111. More on *Urbanus dorantes* (Hesperiidae). J. Lepid. Soc. 29: 106-107. Both *U. d. dorantes* and *U. d. santiago* are found on Grand Bahama Island.
112. The neotropical metalmark *Hermathena oweni* (Riodinidae): New records and major extension of the known range from Costa Rica to El Salvador and Mexico. J. Lepid. Soc. 28: 108-111, 2 figs. (with Thomas C. Emmel, sr. author, and Lee D. Miller). This high altitude species is now known as far north as Vera Cruz and Chiapas. *H. dativa* Schaus 1928, is a synonym of *oweni* Schaus 1913.
113. *Boloria toddi* or *bellona*? (Nymphalidae). J. Lepid. Soc. 29: 162. *Papilio belona* Fabricius 1775, has been given priority over *Papilio bellona* Cramer 1775, a pierid from South America. Therefore *bellona* Fabricius is available for the *Boloria* with *toddii* Holland 1928, as a ssp. and *ammiralis* Hemming 1933, as a synonym.
- (No number) Miscellaneous contributions in "The alphabet butterfly coloring book for limerick loving lepidopterists," edited by Jo Brewer, [8] + v + 61 p., ill.
114. Editor of, and author of p. 1-72, introduction; p. 202-207, *Vanessa*; and p. 307-309, *Oenomaus*, *Thereus*, *Allosmaitia* and *Ocaria* in *Butterflies of North America*, W. H. Howe, illustrator and coordinator. Doubleday & Co., Garden City, New York. xiii, 633 p., 97 color plates.
115. Systematic notes on *Dryas iulia* (Heliconidae). J. Lepid. Soc. 29: 230-235. *D. i. largo* n.sp. (t.l. Key Largo, Florida). Clench divided the many subspecies into two groups, Antillean and continental, and presented a new synonymy accepting 13 subspecies.

1976

116. Fugitive color in the males of certain Pieridae. J. Lepid. Soc. 30: 88-90. The orange patch of androconial scales on the costal margin of the hind wing of *Nathalis iole* and the pink streak on the under forewing of *Eurema messalina blakei* found on freshly caught specimens disappears a few months after death.
117. *Nathalis iole* (Pieridae) in the southeastern United States and the Bahamas. J. Lepid. Soc. 30: 121-126. There are three continental segregates with different patterns of cold tolerance: southeastern, central and Pacific.
118. How to prepare slides of sclerotized parts of Lepidoptera. Section of Insects and Spiders. Carnegie Museum of Natural History, Pittsburgh, Pennsylvania. (with Lee D. Miller) 2nd ed. See item 78A above. 6 p., ill.
119. In search of rare butterflies. Bahamas Naturalist 2(1): 2-8, ill. "Summer" 1976. Offset. The species notes are for *Apodemia carteri* Holland, *Battus devilliers* Godart and *Calisto sibylla* Bates.

1977

120. A list of the butterflies of Andros, Bahamas. Ann. Carnegie Mus. 46: 173-194, map. Comments on 59 species known from the island.
121. Butterflies of the Carnegie Museum Bahamas Expedition, 1976. Ann. Carnegie Mus. 46: 265-283. 22 islands were visited and butterflies were collected on 19 of them. A total of 1003 specimens representing 54 species, were taken between 26 February and 4 April. Five taxa were new to the islands: *Wallengrenia druryi*, *Eurema elathea*, *Anartia jatrophae saturata*, *Anaea verticordia* and *Heliconius charitonius churchi*.

122. *Papilio aristodemus* (Papilionidae) in the Bahamas. J. Lepid. Soc. 32: 273–276. *P. a. driophilus* n.ssp. (t.l. Cat Island); *P. a. bjoerndalae* n.ssp. (t.l. Great Inagua Island). Types in CM.
123. The names of certain Holarctic hairstreak genera (Lycaenidae). J. Lepid. Soc. 32: 277–281. *Fixenia* Tutt, 1907, to be used for *favonius*, *ontario* and *polingi*; *Satyrimum* Scudder 1876, for the other 12 nearctic species usually placed in this genus.
124. Butterflies of Clench's western collecting trip 1977. Xeroxed. 15 p. Limited circulation. Stations 396 through 454, mostly in New Mexico.

1978

125. The Lepidopterists' Society Commemorative Volume 1945–1973. Compiled by Roy O. Kendall. Edited by Harry K. Clench and Theodore D. Sargent. In addition HKC contributed the Foreword, p. vii–xiii, and was coauthor of "A Backward Glance—A Glimpse Ahead." p. 15–19.
126. Butterflies of the Turks and Caicos Islands: A preliminary list. Mimeographed with limited circulation. 4 p. 32 species noted.

1980

127. Butterflies of Great and Little Inagua, Bahamas (with Karen A. Bjoerndal, jr. author.) Annals of Carnegie Museum, 49: 1–30, A detailed history of collecting on these remote islands and a full report on about 1000 specimens representing 34 species from Great Inagua and 240 specimens representing 17 species from Little Inagua. *Epargyreus zestos inaguarum* Clench & Bjoerndal, n.ssp. (t.l. Matthew Town, Great Inagua); two undescribed ssp. are noted.
128. How to make regional lists of butterflies: some thoughts. J. Lepid. Soc. 33: 216–231.
129. Book Review, "Butterflies of South Australia" by R. H. Fisher, 1978, Handbooks Comm. of South Australian Gov't. J. Lepid. Soc. 33: 268–269.

At the time that the above was compiled there were several manuscripts either in the hands of editors or being prepared by Dr. Lee D. Miller. (Three additional papers appear in this issue of the *Journal*.) Dr. Mary H. Clench checked the above against Clench's record cards of his publications and supplied the numbers for items 122–126. In addition to the above listed serious contributions to entomology Harry Clench christened, wrote, edited and circulated *FRASS*, *An Occasional Journal of Paralepidopterology*. It was issued in "pellets"—1973, 1974, 1975 and 1976. These four-page publications are inspired writing.

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